

AMENDMENT TO THE CLAIMS

1 to 15. (Canceled)

16. (Currently Amended) A communication system comprising a terminal and a central control unit, said terminal comprising:

image obtaining means for obtaining image data of a manuscript by scanning the manuscript, the image data including a manuscript ID image;

manuscript ID recognition means for recognizing the manuscript ID image included in the image data and obtaining a manuscript ID as the recognition result of the manuscript ID image, the manuscript ID indicating information for an identification of the manuscript;

first transmitting means for transmitting the obtained manuscript ID without the image data of the manuscript to said central control unit;

first receiving means for receiving a control signal from said central control unit, the control signal including an information of character recognizing condition of the manuscript determined based on the manuscript ID by the central control unit, the information of character recognizing condition including positional information of recognition areas of the image data; and

character recognition means for performing character recognition of character images included in the image data in accordance with the information of character recognizing condition included with the control signal;

said central control unit comprising:

second receiving means for receiving the manuscript ID without the image data of the manuscript, the manuscript ID being transmitted from said first transmitting means;

obtaining means for obtaining the information of character recognizing condition based on the received manuscript ID, the information of character recognizing condition including positional information of recognition areas of the manuscript; and

second transmitting means for transmitting the control signal including the obtained information of character recognizing condition to said first receiving means of said terminal.

17. (Previously Presented) The communication system according to claim 16, wherein said character recognition means determines recognition candidate characters corresponding to the image data in accordance with the information of character recognition condition included with the control signal and outputs a predetermined number of recognition candidate characters in an order according to largeness of similarity of the recognition candidate characters.

18. (Previously Presented) The communication system according to claim 16, wherein said central control unit further comprises a database for managing the control signal for the information of character recognizing condition corresponding to the

manuscript ID, wherein said obtaining means obtains from said database the control signal corresponding to the received manuscript ID.

19. (Previously Presented) The communication system according to claim 16, wherein the information of character recognizing condition includes positional information, showing each of plural recognition areas in the image data, and recognition dictionary information showing a recognition dictionary used for recognition in each recognition area.

20. (Currently Amended) A control method for a communication system that includes a terminal and a central control unit, said control method comprising the steps of:

obtaining image data of a manuscript using the terminal by scanning the manuscript, the image data including a manuscript ID image;

recognizing the manuscript ID image included in the image data using the terminal and obtaining a manuscript ID as the recognition result of the manuscript ID image, the manuscript ID indicating information for an identification of the manuscript;

transmitting the obtained manuscript ID from the terminal to the central control unit without transmitting the image data of the manuscript;

obtaining an information of character recognizing condition using the central control unit based on the transmitted manuscript ID, the information of character

recognizing condition including positional information of recognition areas of the image data;

transmitting a control signal including the obtained information of character recognizing condition from the central control unit to the terminal; and

performing character recognition of character images included in the image data using the terminal in accordance with the information of character recognizing condition included with the transmitted control signal.

21. (Previously Presented) The control method for a communication system according to claim 20, wherein said character recognition step determines recognition candidate characters corresponding to the image data in accordance with the information of character recognition condition included with the control signal and outputs a predetermined number of recognition candidate characters in an order according to largeness of similarity of the recognition candidate characters.

22. (Previously Presented) The control method for a communication system according to claim 20, wherein the central control unit includes a database for managing the control signal for the information of character recognizing condition corresponding to the manuscript ID, wherein said obtaining step obtains from the database the control signal corresponding to the received manuscript ID.

23. (Previously Presented) The control method for a communication system according to claim 20, wherein the information of character recognizing condition includes positional information, showing each of plural recognition areas in the image data, and recognition dictionary information showing a recognition dictionary used for recognition in each recognition area.

24. (Currently Amended) Computer-readable memory that stores program code for controlling a communication system that ~~that~~ includes a terminal and a central control unit, said computer-readable memory comprising:

program code for obtaining image data of a manuscript using the terminal by scanning the manuscript, the image data including a manuscript ID image;

program code for recognizing the manuscript ID image included in the image data using the terminal and obtaining a manuscript ID as the recognition result of the manuscript ID image, the manuscript ID indicating information for an identification of the manuscript;

program code for transmitting the obtained manuscript ID without the image data of the manuscript from the terminal to the central control unit;

program code for obtaining an information of character recognizing condition using the central control unit based on the transmitted manuscript ID, the information of character recognizing condition including positional information of recognition areas of the image data;

program code for transmitting a control signal including the obtained information of character recognizing condition from the central control unit to the terminal; and

program code for performing character recognition of character images included in the image data using the terminal in accordance with the information of character recognizing condition included with the transmitted control signal.

25 to 36. (Canceled)

37. (Previously Presented) The communication system according to claim 16, wherein said character recognition means performs character recognition from the image data and judges on the basis of threshold information included in the information of character recognizing condition whether a recognition candidate character included in the result of character recognition is unrecognizable and outputs the recognition candidate character when judged as recognizable.

38. (Previously Presented) The communication system according to claim 37, wherein said character recognition means judges whether the recognition candidate character included in the result of character recognition is unrecognizable by comparing the threshold information with a similarity of the recognition candidate character.

13

39. (Previously Presented) The communication system according to claim 38, wherein said character recognition means judges that the recognition candidate character is unrecognizable if the threshold information is larger than the similarity of the recognition candidate character.

40. (Previously Presented) The communication system according to claim 37, wherein said character recognition means outputs a predetermined code showing unrecognizableness when all of the recognition candidate character is judged as an unrecognizable character.

41. (Canceled)

42. (Previously Presented) The communication system according to claim 18, wherein the information of character recognizing condition includes positional information, showing each of plural recognition areas in the manuscript, and threshold information for judgement of unrecognizableness in each recognition area.

43. (Canceled)

44. (Previously Presented) The control method for a communication system according to claim 20, wherein said character recognition step performs character recognition from the image data and judging on the basis of threshold information included

in the information of character recognizing condition whether a recognition candidate character included in the result of character recognition is unrecognizable and outputs the recognition candidate character when judged as recognizable.

45. (Previously Presented) The control method for a communication system according to claim 44, wherein said character recognition step judges whether the recognition candidate character included in the result of character recognition is unrecognizable by comparing the threshold information with a similarity of the recognition candidate character.

46. (Previously Presented) The control method for a communication system according to claim 45, wherein said character recognition step judges that the recognition candidate character is unrecognizable if the threshold information is larger than the similarity of the recognition candidate character.

47. (Previously Presented) The control method for a communication system according to claim 44, wherein said character recognition step outputs a predetermined code showing unrecognizableness when all of the recognition candidate character is judged as an unrecognizable character.

48. (Canceled)



49. (Previously Presented) The control method for a communication system according to claim 22, wherein the information of character recognizing condition includes positional information, showing each of plural recognition areas in the manuscript, and threshold information for judgement of unrecognizableness in each recognition area.

50 to 78. (Canceled)

79. (Currently Amended) A terminal that performs communication with a central control apparatus, said terminal comprising:

image obtaining means for obtaining image data of a manuscript by scanning the manuscript, the image data including a manuscript ID image;

manuscript ID recognition means for recognizing the manuscript ID image included in the image data and obtaining a manuscript ID as the recognition result of the manuscript ID image, the manuscript ID indicating information for an identification of the manuscript;

transmitting means for transmitting the obtained manuscript ID without the image data of the manuscript to the central control apparatus;

receiving means for receiving a control signal from the central control apparatus, the control signal including an information of character recognizing condition of the manuscript determined by the central control apparatus based on the manuscript ID, the information of character recognizing condition including positional information of recognition areas of the image data; and

character recognition means for performing character recognition of character images included in the image data in accordance with the information of character recognizing condition included with the control signal.

80. (Currently Amended) A central control apparatus that performs communication with a terminal, said central control apparatus comprising:

receiving means for receiving a manuscript ID transmitted from the terminal, wherein the manuscript ID is obtained by the terminal by recognizing a manuscript ID image included in image data obtained by scanning a manuscript, and wherein the manuscript ID is transmitted from the terminal without the image data of the manuscript;

obtaining means for obtaining an information of character recognizing condition based on the received manuscript ID, the information of character recognizing condition including positional information of recognition areas of the image data; and

transmitting means for transmitting a control signal including the obtained information of character recognizing condition to the terminal,

wherein the terminal performs character recognition of character images included in the image data in accordance with the information of character recognizing condition included in the transmitted control signal.

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